



ENERGY STAR CERTIFIED

## Enterprise Servers

### DELL EMC - E54S : PowerEdge R940xa

#### Specifications

<b>ENERGY STAR Partner:</b>	Dell Inc.
<b>Brand Name:</b>	DELL EMC
<b>Model Name:</b>	E54S
<b>Model Number:</b>	PowerEdge R940xa
<b>Form Factor:</b>	Rack-mount
<b>Resilient System:</b>	No
<b>Available Expansion Slots:</b>	4
<b>Operating Systems Supported:</b>	Windows, Linux, Other
<b>Power Saving Features Available:</b>	Variable speed fan control based on power or thermal readings, Power capping, Low power memory states, Low power I/O states, Other, Processor or core reduced power states, Dynamic voltage and frequency scaling of processor(s)
<b>Product Processor Socket Count:</b>	4
<b>Available DIMM Slots:</b>	48
<b>Maximum Memory Capacity (GB):</b>	768.0
<b>Installed Processors for Typical or Single Configuration:</b>	4
<b>Cores Per Processor Typical or Single Configuration:</b>	20
<b>Number of Threads for Typical or Single Configuration:</b>	40
<b>Processor Brand Typical or Single Configuration:</b>	Intel
<b>Processor Model Name Typical or Single Configuration:</b>	Xeon? Gold 6230
<b>Processor Speed for Typical or Single Configuration (GHz):</b>	2.1
<b>Num. of DDR Channels for Typical or Single Configuration:</b>	12
<b>Memory Speed Typical or Single Configuration (GHz):</b>	2.93
<b>Typical or Single Configuration Size Per DIMM (GB):</b>	32
<b>Installed Num. DIMMs for Typical or Single Configuration:</b>	12
<b>Installed Memory for Typical or Single Configuration (GB):</b>	384.0

<b>Typical or Single Configuration Redundant Power Supply:</b>	Yes
<b>SERT Active State Efficiency Score Typical or Single Configuration:</b>	30.0
<b>SERT Version :</b>	2.0.1
<b>64-bit Architecture:</b>	64-bit supported
<b>Date Available On Market:</b>	2018-05-11
<b>Date Qualified:</b>	2019-05-16
<b>Markets:</b>	United States, Canada
<b>ENERGY STAR Certified:</b>	Yes

## Additional Model Information

**Captured On:**  
03/30/2021